

## ABSTRACT OF THE DISCLOSURE

An electrical generating system includes an electric motor coupled to a variable power source. A variable coupling is connected to an output shaft of the motor. The variable coupling includes opposed first and second plates each having permanent magnets affixed thereto and arranged such that rotation of the first plate by the motor causes the second plate to rotate by repulsive magnetic force. A switching mechanism adjusts the variable coupling. A gear assembly having a high transmission ratio is connected to the variable coupling. Preferably, at least one electrical generator is connected to the gear assembly for generating electricity.